

Clean version of the amended claims:

Sub 4
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1. (Once amended) An apparatus for reducing laser speckle comprising:

- a. a polarizing beam splitter configured to divide a first polarized laser output into a second polarized laser output and a third polarized laser output, the first polarized laser output having a coherence length;
- b. a light guide comprising a polarization preserving fiber optic, the light guide configured to create an optical path difference between the second polarized laser output and the third polarized laser output, the optical path difference being at least about the coherence length, the light guide being configured to direct the second polarized laser output to the polarizing beam splitter such that the polarizing beam splitter combines the second polarized laser output and the third polarized laser output into a fourth laser output; and
- c. a depolarizing screen coupled to the fourth laser output, the fourth laser output illuminating the depolarizing screen.

2. Canceled.

3. Canceled.

4. Canceled.

5. Canceled.

6. Canceled.

7. Canceled.

8. Canceled.

9. Canceled.

10. Canceled.

11. Canceled.

12. Canceled.

13. Canceled.

14. Canceled.

15. Canceled.

16. Canceled.

17. Canceled.

18. Canceled.

46 ~~63~~. (Once amended) An apparatus for reducing laser speckle comprising:

- a. means for dividing a first polarized laser output into a second polarized laser output and a third polarized laser output, the means for dividing comprising a polarizing beam splitter, the first polarized laser output having a coherence length, the second polarized laser output and the third polarized laser output having orthogonal polarizations and having intensities that are about equal;
- b. a light guide comprising a polarization preserving fiber optic, the light guide coupled to the second polarized laser output, the light guide creating an optical path difference between the second polarized laser output and the third polarized laser output, the optical path difference being at least about the coherence length;
- c. means for combining the second polarized laser output and the third polarized laser output into a fourth laser output, the means for combining comprising the polarizing beam splitter; and
- d. a depolarizing screen coupled to the fourth laser output.

64. Canceled.

65. Canceled.

66. Canceled.

67. Canceled.

68. Canceled.

Version of the amended claims with markings to show changes made:

1. (Once amended) An apparatus for reducing laser speckle comprising:
- a. a polarizing beam splitter configured to divide a first polarized laser output into a second polarized laser output and a third polarized laser output, the first polarized laser output having a coherence length;
 - b. a light guide comprising a polarization preserving fiber optic, the light guide configured to create an optical path difference between the second polarized laser output and the third polarized laser output, the optical path difference being at least about the coherence length, the light guide being configured to direct the second polarized laser output to the polarizing beam splitter such that the polarizing beam splitter combines the second polarized laser output and the third polarized laser output into a fourth laser output; and
 - c. a depolarizing screen coupled to the fourth laser output, the fourth laser output illuminating the depolarizing screen.

Please cancel claims 2-18.

63. (Once amended) An apparatus for reducing laser speckle comprising:
- a. means for dividing a first polarized laser output into a second polarized laser output and a third polarized laser output, the means for dividing comprising a polarizing beam splitter, the first polarized laser output having a coherence length, the second polarized laser output and the third polarized laser output having orthogonal polarizations and having intensities that are about equal;
 - b. a light guide comprising a polarization preserving fiber optic, the light guide coupled to the second polarized laser output, the light guide creating an optical path difference between the second polarized laser output and the third polarized laser output, the optical path difference being at least about the coherence length;
 - c. means for combining the second polarized laser output and the third polarized laser output into a fourth laser output, the means for combining comprising the polarizing beam splitter; and
 - d. a depolarizing screen coupled to the fourth laser output.

Please cancel claims 64-68.